

App. No. 09/890,758
Office Action Dated August 10, 2005

Amendments to the Claims:

This listing of claims will replace all prior versions and listing of claims in the application.

Claims 1, 5, 15, and 16 are amended.

Claims 18 and 19 are new.

Listing of Claims:

1. (Currently Amended) An image sensor comprising:
 - a transparent cover having a first surface on an image reading region side, and a second surface away from the first surface;
 - a light source throwing light to the image reading region from a second-surface side of the transparent cover; and
 - a plurality of light receiving elements each receiving reflected light from the image reading region and outputting an image signal corresponding to an amount of the light received;
~~characterized that~~ wherein the transparent cover includes a transparent main body of a synthetic resin, and a transparent glass member corresponding to the image reading region,
[[that]] wherein the transparent main body has a groove corresponding to the image reading region, the transparent glass member being placed in the groove; and
[[that]] wherein the transparent main body and the transparent glass member each [[has]] have a surface which is flush with each other and provide[[s]] the first surface.
2. (Canceled)
3. (Previously Presented) The image sensor according to Claim 1, wherein the groove is provided by a through hole formed in the transparent cover.
4. (Canceled)

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5. (Currently Amended) An image sensor comprising:
 - a transparent cover having a first surface on an image reading region side, and a second surface away from the first surface;
 - a light source throwing light to the image reading region from a second-surface side of the transparent cover; and
 - a plurality of light receiving elements each receiving reflected light from the image reading region and outputting an image signal corresponding to an amount of the light received;
~~characterized that wherein~~ the transparent cover includes a transparent main body of a synthetic resin, and a transparent glass member corresponding to the image reading region,
 - [[that]] wherein the transparent main body has a groove corresponding to the image reading region, the transparent glass member being placed in the groove,
 - [[that]] wherein the transparent glass member is exposed on a first-surface side, and
 - [[that]] wherein the image reading region is linear, the transparent cover having a nontransparent region corresponding to an end portion of the image reading region.
6. (Previously Presented) The image sensor according to Claim 5, wherein the nontransparent region is formed with a white spot or a black spot.
7. (Previously Presented) The image sensor according to Claim 6, wherein the nontransparent region is formed with both of the white spot and the black spot.
8. (Previously Presented) The image sensor according to Claim 5, wherein the image reading region is linear, the transparent cover having a nontransparent region corresponding to the other end portion of the image reading region.
9. (Original) The image sensor according to Claim 8, wherein one of the nontransparent regions is formed with a white spot and the other is formed with a black spot.
10. (Original) The image sensor according to Claim 5, wherein the nontransparent region is provided by a part of the glass member rendered nontransparent.

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11. (Original) The image sensor according to Claim 10, wherein the nontransparent region is provided by a part of the glass member applied with a coating.
12. (Original) The image sensor according to Claim 10, wherein the nontransparent region is provided by a nontransparent member pasted to a part of the glass member.
13. (Original) The image sensor according to Claim 5, wherein the nontransparent region is provided by a nontransparent member separate from the glass member and the cover main body, placed in the groove.
14. (Original) The image sensor according to Claim 13, wherein the groove is divided into a glass member receiving portion for receiving the glass member and a nontransparent member receiving portion for receiving the nontransparent member.
15. (Currently Amended) A transparent cover for image sensor, comprising a transparent main body of a synthetic resin, and a transparent glass member placed in a groove formed in a surface of the ~~cover member~~ transparent main body,
the groove having at least a longitudinal end portion provided with a nontransparent region.
16. (Currently Amended) A transparent cover for image sensor, comprising a transparent main body of a synthetic resin, and a transparent glass member placed in a groove formed in a surface of the ~~cover member~~ transparent main body,
the transparent main body and the transparent glass member each having a surface flush with each other and providing the first surface.
17. (Previously Presented) The transparent cover according to Claim 16, further comprising a nontransparent region provided at least at one longitudinal end portion of the groove.

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18. (New) The image sensor according to claim 1, further comprising a case covered by the transparent cover, the case enclosing the light source and the plurality of light receiving elements.
19. (New) The image sensor according to claim 5, further comprising a case covered by the transparent cover, the case enclosing the light source and the plurality of light receiving elements.